

PTO/SB/01 (08-03)

Approved for use through 07/31/2008, OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
With Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number **GENN-01009US1 DBB**

First Named Inventor **Satoru Miyano**

COMPLETE IF KNOWN

Application Number **10/722,033**

Filing Date **11/25/2003**

Art Unit **1645**

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**INFERRING GENE REGULATORY NETWORKS FROM TIME-ORDERED GENE EXPRESSION  
DATA USING DIFFERENTIAL EQUATIONS**

*(Title of the Invention)*

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

**11/25/2003**

as United States Application Number or PCT International

Application Number

**10/722,033**

and was amended on (MM/DD/YYYY)

(If applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority		Certified Copy Attached?	
			Not Claimed		Yes	No
			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9198 and select option 2.

PTO/SB/01 (06-03)

Approved for use through 07/31/2003, OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 23910		OR <input type="checkbox"/> Correspondence address below	
Name <b>D. Benjamin Borson</b> <b>Flesler Meyer LLP</b>			
Address <b>Four Embarcadero Center, Suite 400</b>			
City <b>San Francisco</b>	State <b>CA</b>	ZIP <b>94111-4156</b>	
Country <b>United States</b>	Telephone <b>415.362.3800</b>	Fax <b>415.362.2928</b>	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) <b>Satoru</b>		Family Name or Surname <b>Miyano</b>	
Inventor's Signature <i>Satoru Miyano</i>		Date <b>24 March, 2004</b>	
Residence: City <b>Tokyo</b>	State	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>4-8-1-602 Kamitakada, Nakano,</b>			
City <b>Tokyo</b>	State	ZIP <b>164-0002</b>	Country <b>Japan</b>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) <b>Seiya</b>		Family Name or Surname <b>Imoto</b>	
Inventor's Signature <i>Seiya Imoto</i>		Date <b>24 March, 2004</b>	
Residence: City <b>Tokyo</b>	State	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>1-40-9-302 Kaminakazato, Kita-ku</b>			
City <b>Tokyo</b>	State	ZIP <b>114-0016</b>	Country <b>Japan</b>
<input type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

[Page 2 of 2]

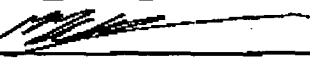
PTO/SB/02A (08-03)

Approved for use through 08/31/2003, OMB 0831-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet	Page <u>1</u> of <u>1</u>
--------------------	---	---------------------------

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Michiel		De Hoon	
Inventor's Signature 		Date 24 March 2004	
Residence: City	Tokyo	State	Country Japan
Citizenship Netherlands			
Mailing Address Higashi Magome 1-45-13, Yamamoto Building 303, Ota-ku			
Mailing Address			
City	Tokyo	State	Zip 143-0022
Country		Japan	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	Country
Citizenship			
Mailing Address			
Mailing Address			
City		State	Zip
Country			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	Country
Citizenship			
Mailing Address			
Mailing Address			
City		State	Zip
Country			

This collection of information is required by 35 U.S.C. 116 and 37 CFR 1.53. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-796-9199) and select option 2.